



TSE 7508
Advanced Scan Detector System

TSE 7508 Advanced Scan Detector System

DESCRIPTION

The Advanced Scan Detector System, TSE 7508, captures RF signals from 9 kHz to 26.5 kHz. As an option, the system can be delivered with a demodulation card for analog free TV signals. The whole inspection system comes with special software, which automatically controls the difference between the outside RF spectrum and the critical RF activities inside an area. The additional hardware which consists of two special antenna heads and an RF switch can easily be connected to the spectrum analyzer.

USAGE

Today's advanced bugs can use digital-burst transmission including low power making it extremely difficult to detect with standard spectrum analyzers. The Advanced Scan Detector System compares the RF activities inside a danger area with the spectrum outside. By using the software options there is an "online" possibility to detect all kinds of newer RF bugs, also "low power devices", burst- or spread spectrum-transmissions.



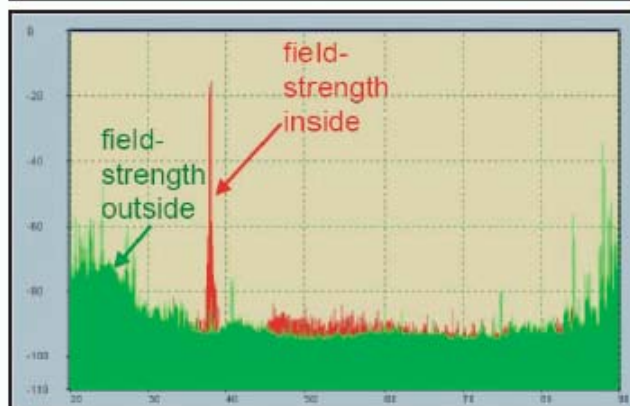
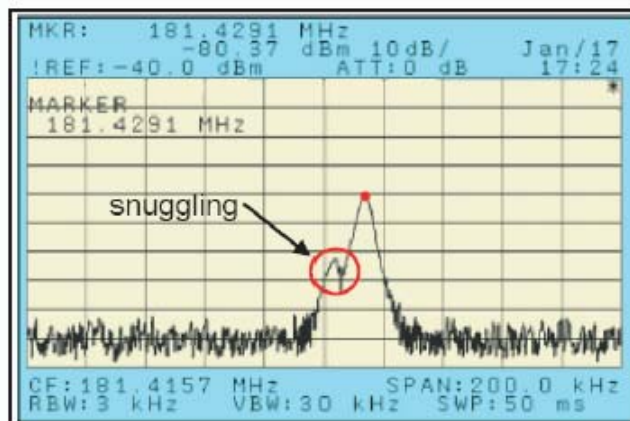
FEATURES

- Measurements possible between 9 kHz and 26.5 GHz
- Switchable increase of input power
- Inputs and outputs for Video signals with BNC connectors
- 6" TFT-Display
- Smallest spectrum analyzer of its kind
- Practical shoulder belt
- Rubber protections
- Optional Differential-Spectrum-Analyzing-Software with additional antenna and switching hardware
- The differential software up the 7508 enables 24 hours detection and location of any transmitters radio surveillance earphone.

TECHNICAL DATA

| Basic Unit | |
|------------------------|--------------------------|
| Frequency range: | 9 kHz to 26.5 GHz |
| Resolution bandwidths: | 1 kHz to 3 MHz |
| | 5 MHz in Function ZS |
| Phase noise: | -100 dBc/Hz to zu 3 GHz |
| Noise floor down to: | -145 dBm at 100 Hz RBW |
| Tracking generator: | 2.2 GHz |
| Output level: | -31 to 0 dBm in 1 dB S. |
| Input level: | + 27 dBm |
| Storage media: | 2 PCMCIA-Slots |
| Power: | - 230 V Netzteil |
| | - Akku-Pack (max. 1,5 h) |
| | - 12 V DC |

| OPTIONS | |
|---|-------------------|
| with Option 26: | 100 Hz und 300 Hz |
| with switched-on pre amplifier with a gain of >25dB | |
| with Option 74: | 2.7 GHz |





If you would like further Information about ELAMAN,
or would like to discuss a specific requirement or project, please contact us at:

Elaman GmbH
German Security Solutions
Seitzstr. 23
80538 Munich
Germany

Tel: +49-89-24 20 91 80
Fax: +49-89-24 20 91 81
info@elaman.de
www.elaman.de